

BookletChart™

Yakobi Island and Lisianski Inlet

NOAA Chart 17303

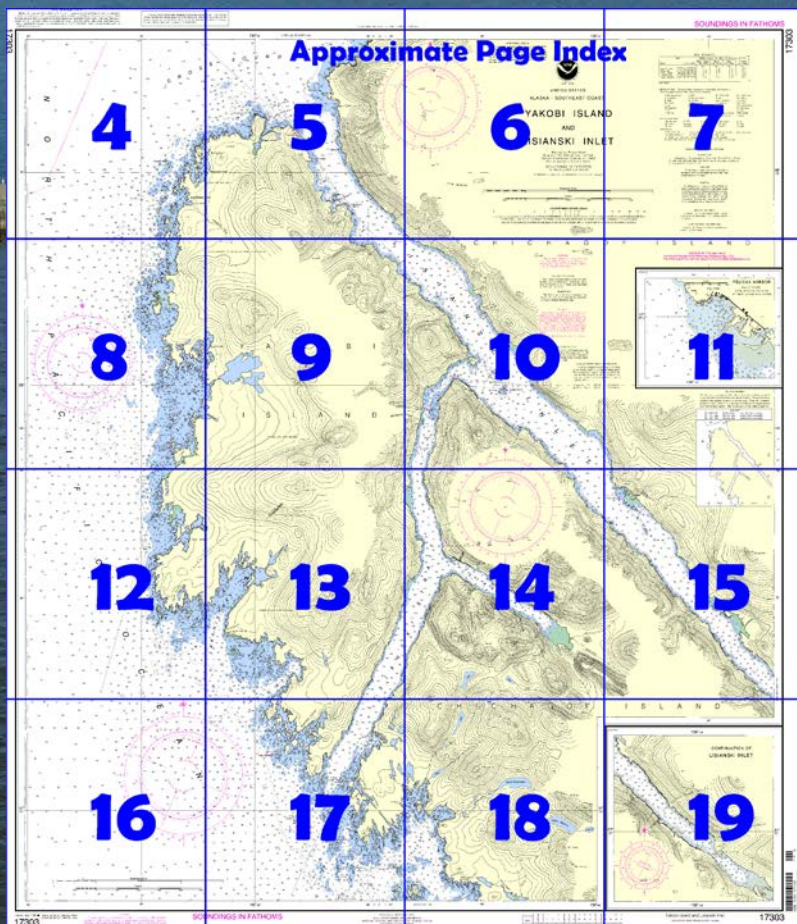


A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
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888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=17303>.



(Selected Excerpts from Coast Pilot)
Lisianski Strait, between Yakobi Island and Chichagof Island, about 11 miles long and from 0.2 to 0.8 mile wide, follows a general NNE direction and connects Lisianski Inlet with the Pacific Ocean. The waters throughout the strait are generally deep, but the SW entrance is foul. From the SW end NNE, the strait is clear until 1.2 miles to the SW of the junction with Lisianski Inlet, where there are two small islands. A light is about 100 yards S of the

S island. Kelp extends from the islands to the Chichagof Island shore. From the SW entrance the land presents a succession of low, wooded hills, gradually rising to sharp rocky peaks.

The S entrance channel to Lisianski Strait is about 125 yards wide, with a reef on the E side with 2½ fathoms over it, and rocks on the W side. Favor the W side, especially if the current is ebbing, because there is a SE set then.

Currents.—Outside the rocks and reefs at the S entrance the current floods to the N and ebbs to the S. Near the entrance among the rocks, on the ebb, a set to the SE has been experienced. Tide rips are encountered here, with an ebb current against the wind. Swirls are formed in the vicinity of Esther Island, and the current has been reported to exceed 3 knots at times. From Esther Island to about 0.5 mile to the S of the islands near the N entrance the current is slight; swirls and eddies are formed 0.5 mile to the S of the islets. Along the islets a current of 0.5 to 2 knots floods to the N and ebbs to the S. N of the islets the current is small. In the vicinity of Miner Island currents are 0.5 to 2 knots. Eddies and swirls occur between Miner Island and Chichagof Island. The currents from Cross Sound and Lisianski Strait appear to meet in the vicinity of Miner Island. An ebb current of 0.5 knot from Stag Bay has been experienced.

Lisianski Inlet follows a general SE direction for about 21.5 miles. There is temporary anchorage for vessels up to 150 feet long off the E side of Miner Island in 20 fathoms, rocky bottom, poor holding ground. The vessel swings to the current, and the effects of wind drawing through the channel are felt. Good anchorage and shelter may be had at the head of Lisianski Inlet in 15 fathoms, soft, sticky bottom. Small boats anchor alongshore where the depths are not too great, particularly in Mite Cove, off Miner Island, and off the flats alongshore.

Currents in Lisianski Inlet are reported slight and set fair with the channel.

In entering, favor the SW shore until inside the entrance then follow midchannel courses. The chart is the guide.

If bound for Lisianski Strait, round Miner Island at a distance of about 300 yards. This passes close to an 8-fathom spot surrounded by deep water.

If bound for the head of the inlet, pass NE of Miner Island and Junction Island, follow midchannel courses for about 3 miles beyond Junction Island, then favor the SW shore until well past the flats off the NE shore at Pelican and the 5-foot rock almost in midchannel about 0.6 mile beyond. Follow midchannel courses until near the head of the inlet, then favor the SW shore through the narrows and proceed in midchannel to anchorage.

In 1989, a rock, covered 9¼ fathoms, was reported about 0.3 miles SE of the 5-foot rock in about 57°56'24.2"N., 136°12'16.1"W.

Pelican Entrance Light (57°57'21"N., 136°13'48"W.), 17 feet above the water and shown from a post with a red and white diamond-shaped daymark, is about 190 yards off the end of the breakwater.

Dangers.—The dangers in the immediate area are two rocky islets and rocks awash S of the light and off the flat that extend from the shore S of the breakwater.

Quarantine, customs, immigration, and agricultural quarantine.—(See chapter 3, Vessel Arrival Inspections, and Appendix A for addresses.)

Quarantine is enforced in accordance with regulations of the U.S. Public Health Service. (See Public Health Service, chapter 1.) Pelican is a **customs station**.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Juneau	Commander	
	17th CG District	(907) 463-2000
	Juneau, Alaska	

Table of Selected Chart Notes

Corrected through NM Mar. 20/04
Corrected through LNM Mar. 9/04

HEIGHTS

Heights in feet above Mean High Water.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

VEGETATION

The land is generally heavily wooded. The woods decrease in density with the elevation, leaving the higher elevations bare.

CAUTION

Shoaling amounting to as much as 6 feet has been disclosed in several critical shoal areas from Cross Sound to Excursion Inlet. It is probable that the Alaska Earthquake of July 10, 1958 created these shoalings and others not yet discovered. Mariners are urged to use caution when navigating over or near critical depths.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

Refer to charted regulation section numbers.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Althorp Peak, AK	KZZ-86	162.425 MHz
Mt. Robert Barron	KZZ-87	162.450 MHz

Mercator Projection
Scale 1:40,000 at Lat. 57°58'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.355" southward and 6.621" westward to agree with this chart.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.

The entire area of this chart falls seaward of the COLREGS Demarcation Line.

TIDAL INFORMATION

Place Name (LAT/LONG)	Height referred to datum of soundings (MLLW)				
	Mean High Water	Higher Water	Mean High Water	Mean Low Water	Extreme Low Water
Canoe Cove (57°51'N/136°25'W)	feet 10.1		feet 9.2	feet 1.3	feet -4.0
Stag Bay (57°55'N/136°18'W)	10.2		9.3	1.4	-4.0
Miner Island (58°01'N/136°20'W)	10.4		9.5	1.4	-4.0
Takanis Bay (57°55'N/136°31'W)	10.1		9.1	1.5	-4.0
Cape Bingham (58°05'N/136°34'W)	10.3		9.5	1.5	-4.0

(Dec 2003)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Ro rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VO very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstr obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

(2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.

(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

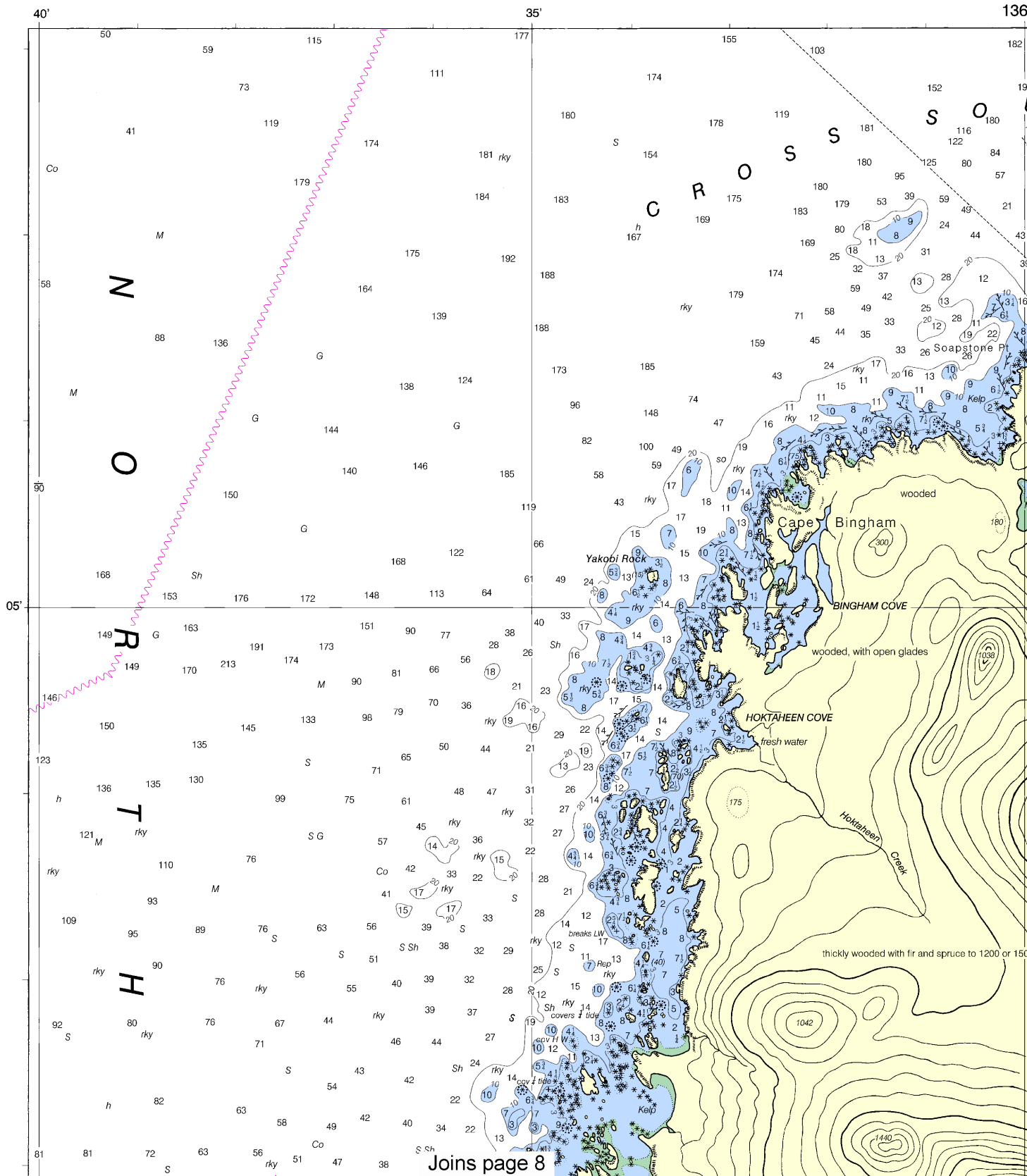
PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, <http://NauticalCharts.gov>, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, <http://OceanGrafix.com>, or help@OceanGrafix.com.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

17303

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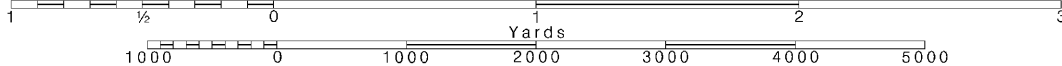


Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:40,000
Nautical Miles

See Note on page 5.



Joins page 6

5



The image shows two horizontal number lines. The top line is labeled 'Yards' and has major tick marks at $\frac{1}{2}$, 1, and 2. The bottom line is labeled 'Feet' and has major tick marks at 1000, 2000, 3000, 4000, and 5000. Both lines have smaller tick marks between the major ones, representing intermediate units.

SOUNDINGS IN FATHOMS

17303



UNITED STATES SOUTHEAST COAST BI ISLAND AND ISKI INLET

Mercator Projection
1:40,000 at Lat. 57°58'
American Datum of 1983
(Geodetic System 1984)

SOUNDINGS IN FATHOMS
MEAN LOWER LOW WATER

Information can be obtained at nauticalcharts.noaa.gov.

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AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 8 for important supplemental information.

Nautical Miles

Yards

GRAPHIC SPEED SCALE

run (in any unit) and the other on minutes run. Without changing divider spread, place units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.



A G O F I S L A N D



WARNING

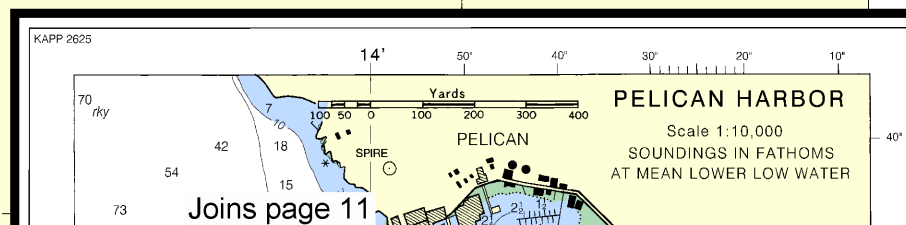
Int mariner will not rely solely on this chart to navigation, particularly on the Alaska coast. See U.S. Coast Guard Light List for details.

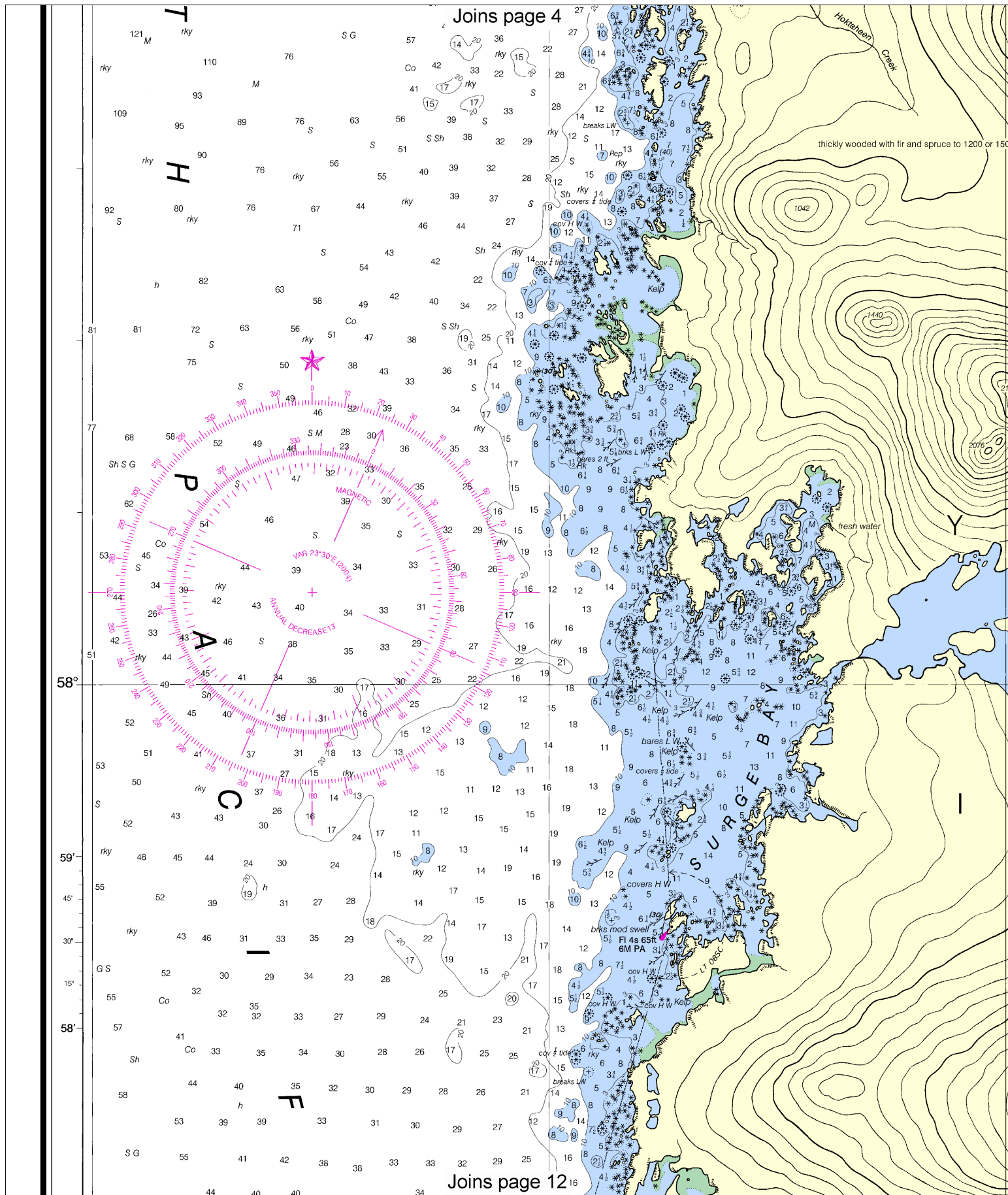
VEGETATION

Plants have been placed on many of the islands. Individual radar reflection on these aids has been indicated on this chart.

Vegetation is generally heavily wooded. The density in density with the elevation, other elevations bare.

COLREGS, 80.1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972
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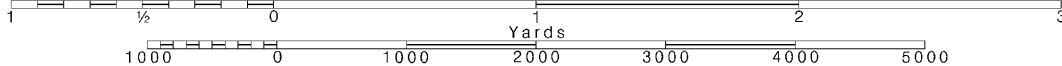
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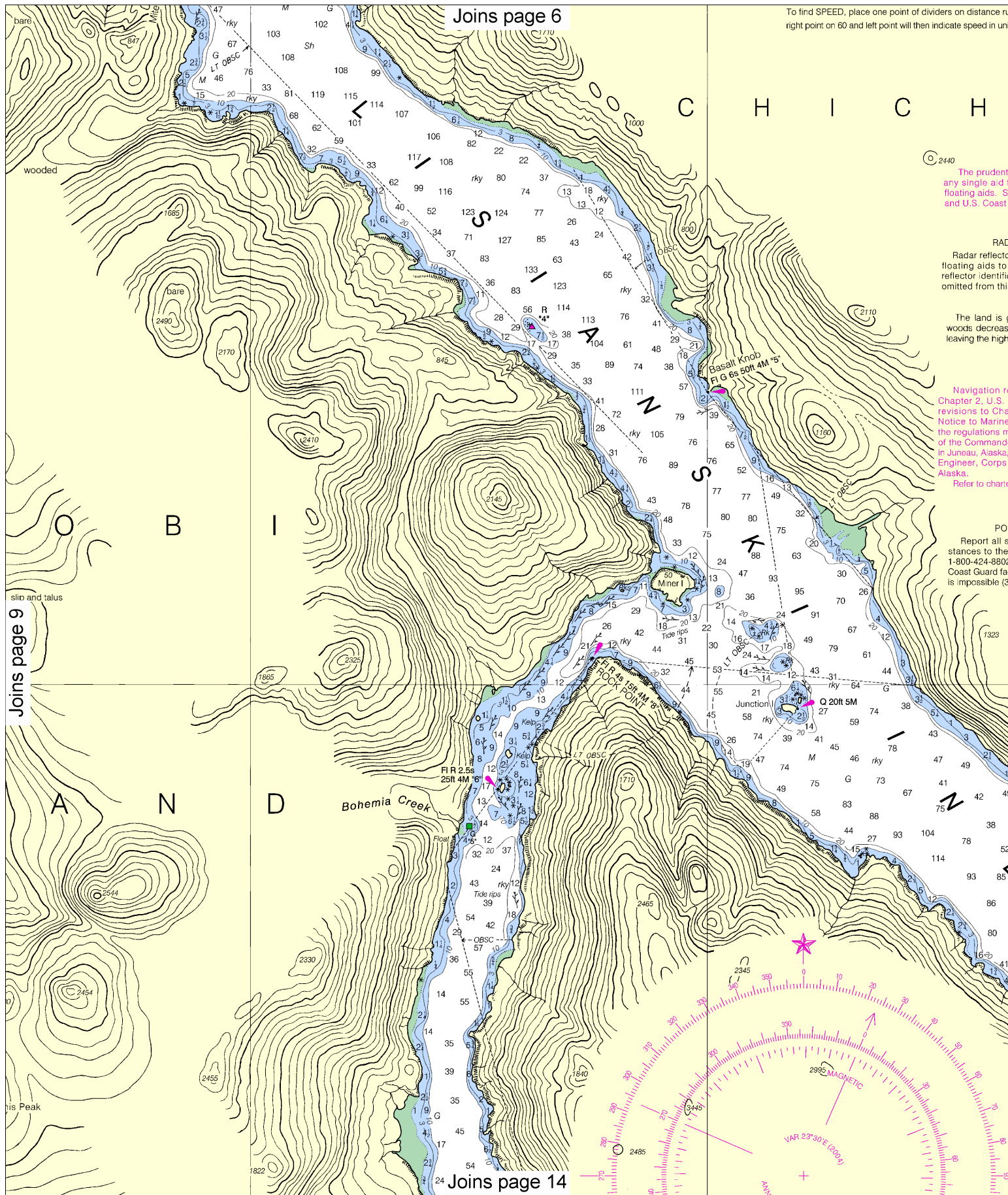
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:40,000
Nautical Miles

See Note on page 5.





10

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Printed at reduced scale.

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Nautical Miles

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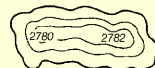
POLLUTION REPORTS

spills of oil and hazardous sube National Response Center via 02 (toll free), or to the nearest U.S. facility if telephone communication (33 CFR 153).

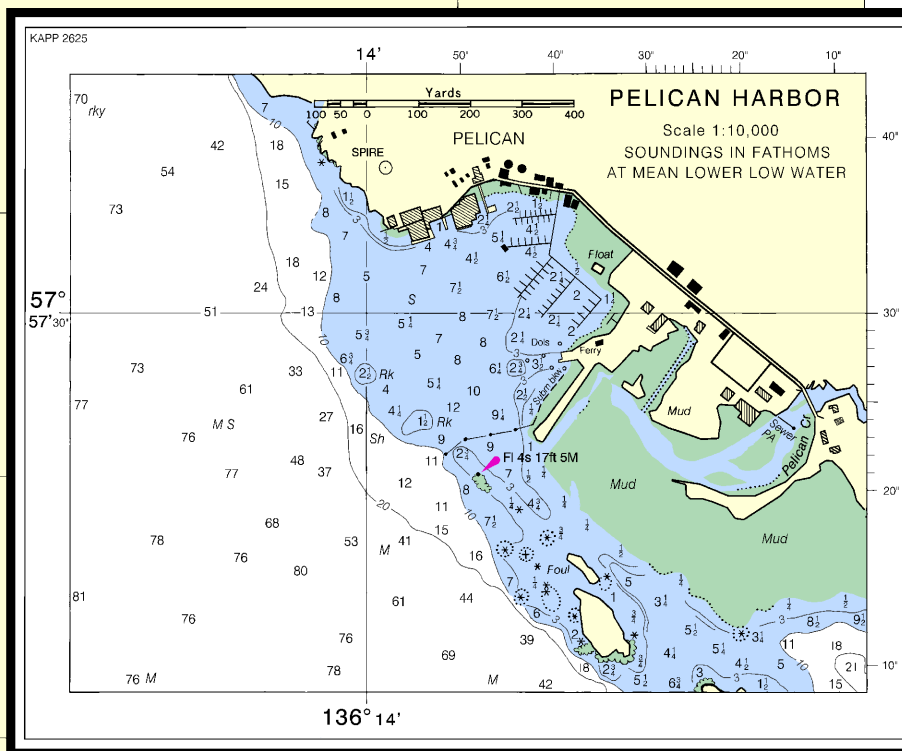
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Mt. Robert Barron KZZ-87 162.450 MHz



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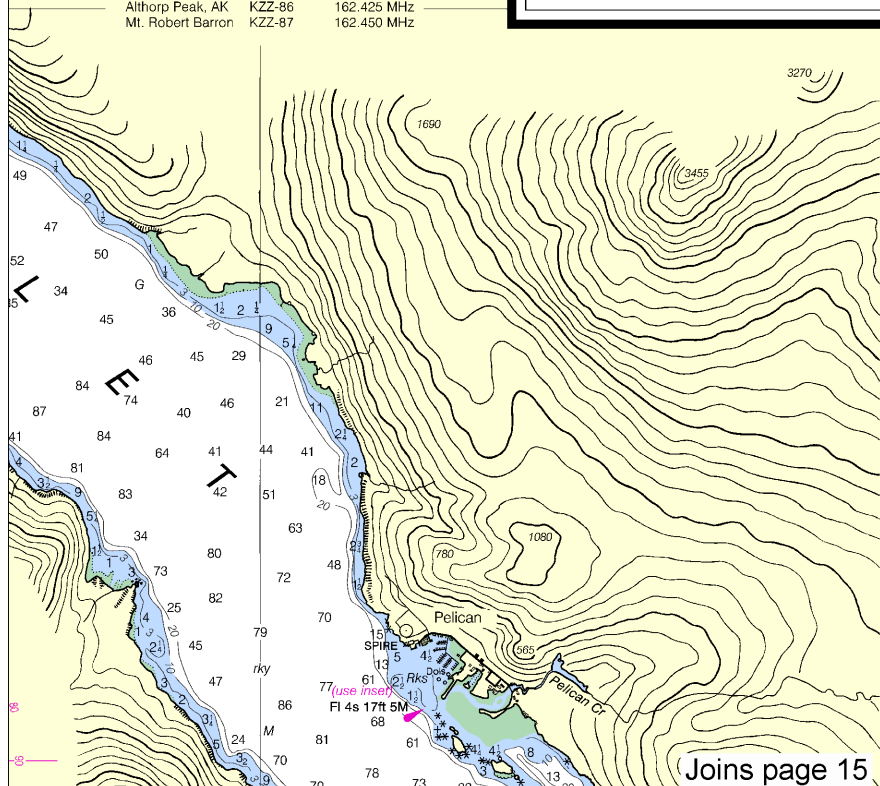


SOURCE DIAGRAM

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SOURCE

B1 1990-1992	NOS Surveys	partial bottom coverage
B2 1970-1989	NOS Surveys	partial bottom coverage
B4 1900-1939	NOS Surveys	partial bottom coverage

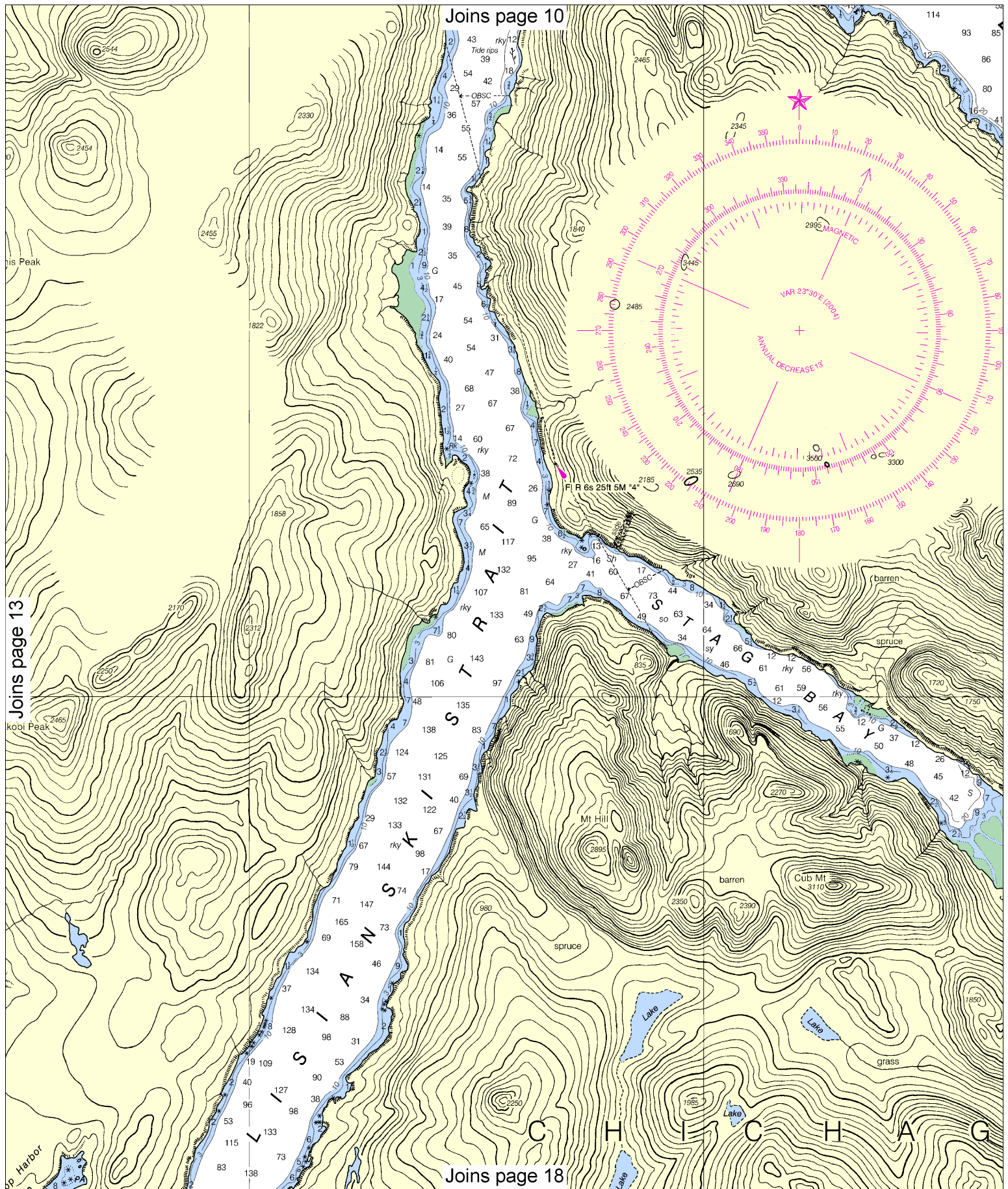


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Joins page 9

Joins page 14

Joins page 17

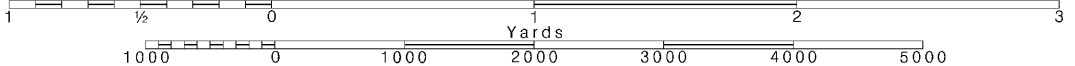


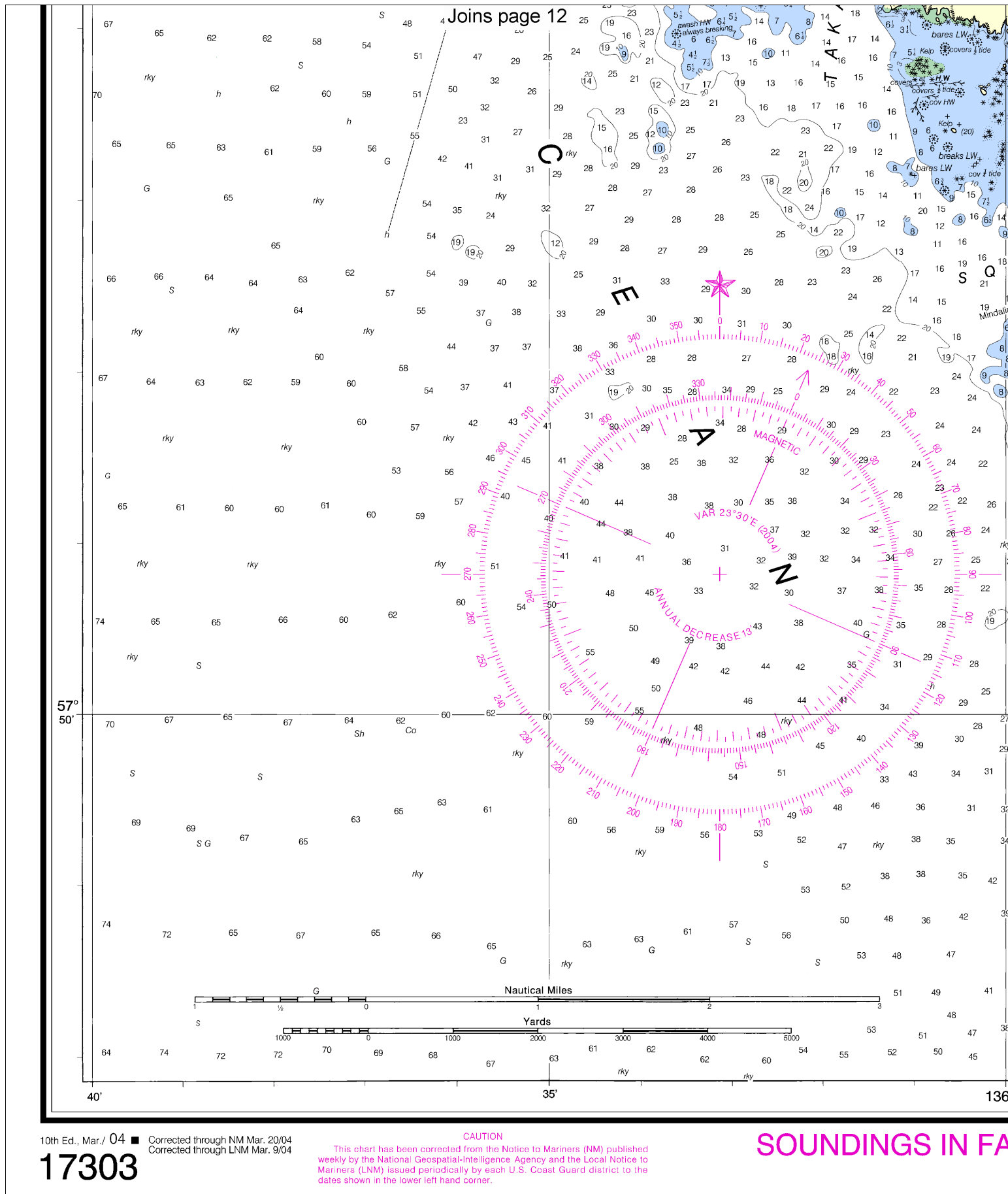
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SCALE 1:40,000
Nautical Miles

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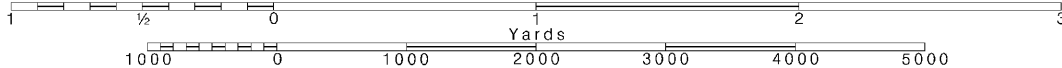
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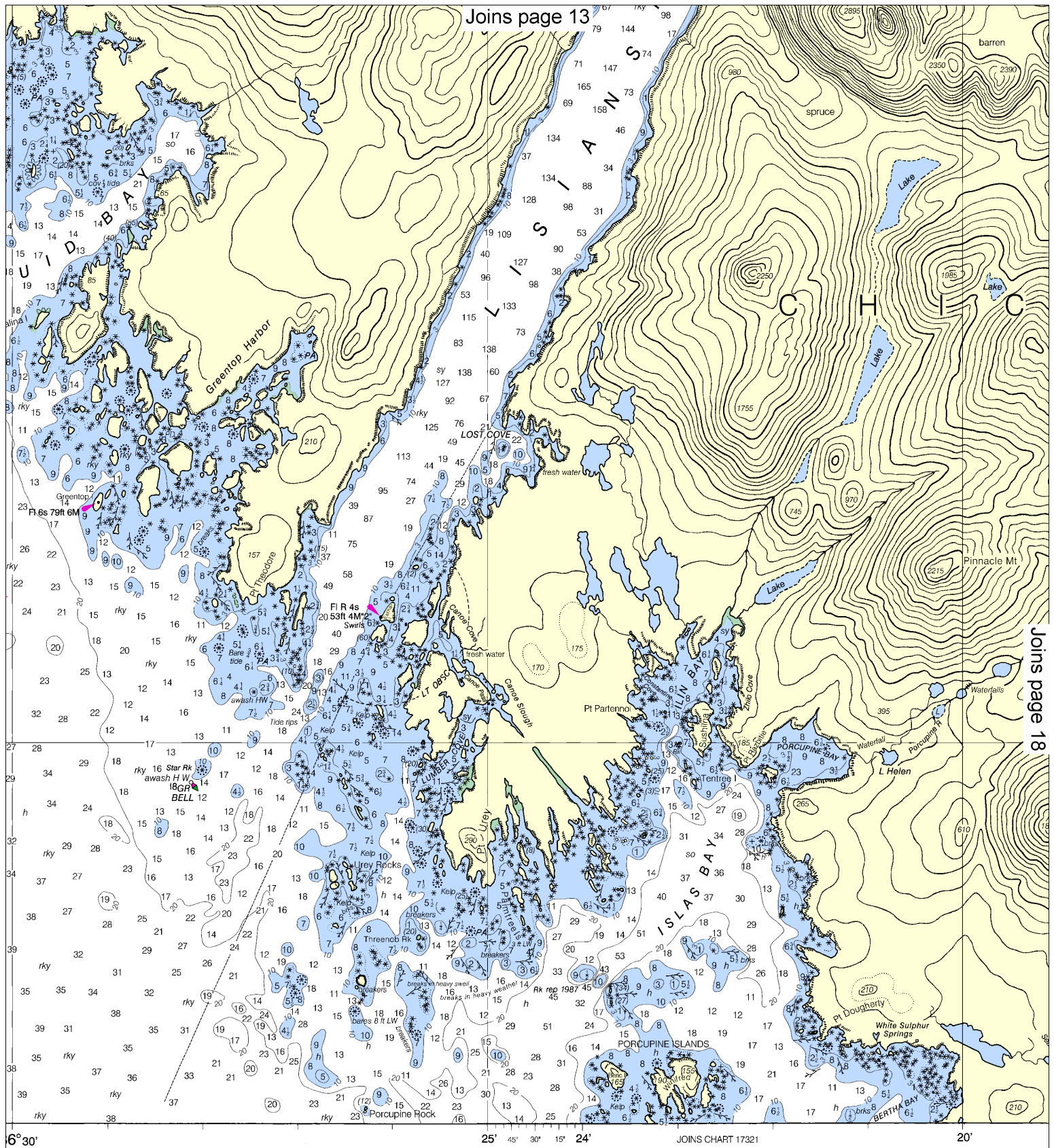
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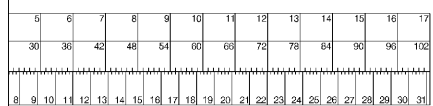
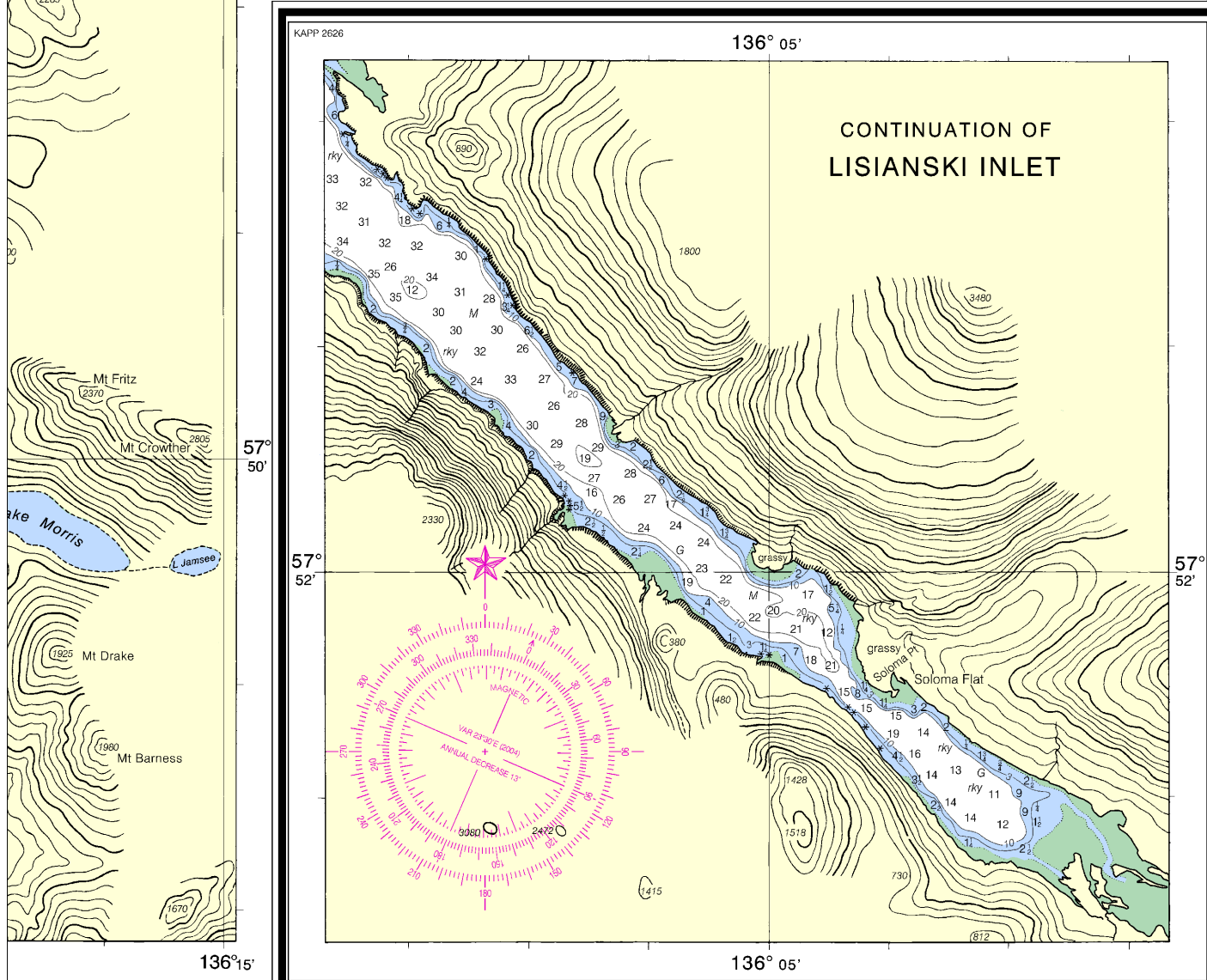
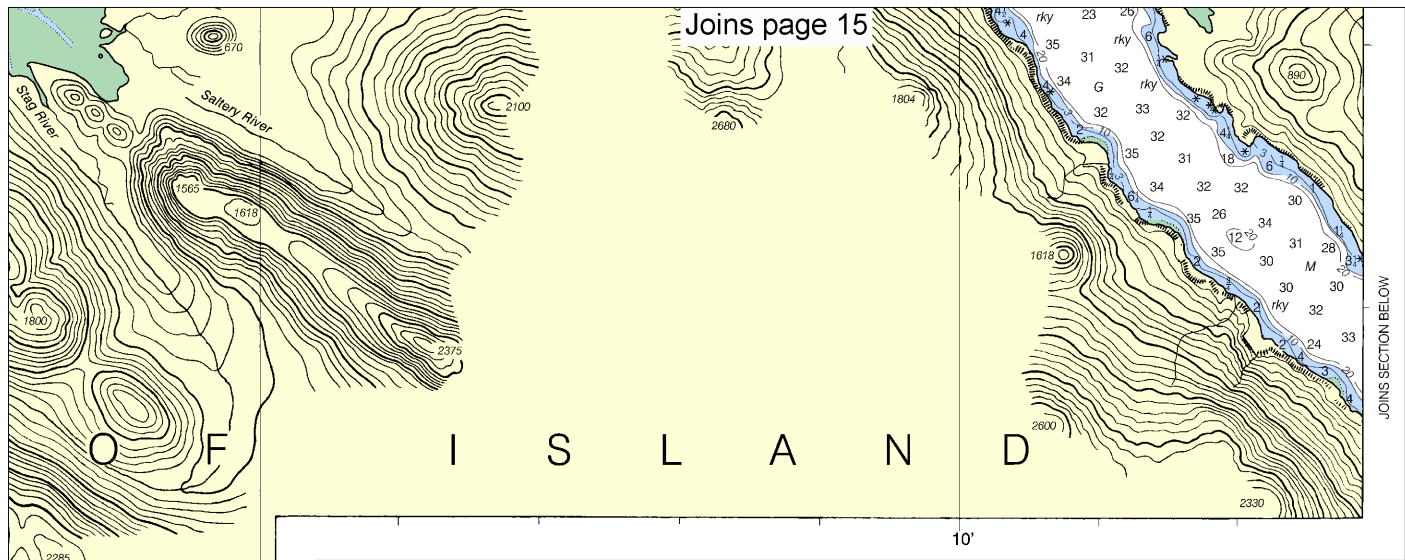
See Note on page 5.





ATHOMS

Published at Washington, D.C.
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL OCEAN SERVICE
 COAST SURVEY



Yakobi Island and Lisianski Inlet
SOUNDINGS IN FATHOMS-SCALE 1:40,000

17303

ED. NO. 10
NSN 7642014011426
NGA REFERENCE NO. 17XHA17303



VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Quick References

Nautical chart related products and information	—	http://www.nauticalcharts.noaa.gov
Online chart viewer	—	http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html
Report a chart discrepancy	—	http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	—	http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	—	http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	—	http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	—	http://tidesandcurrents.noaa.gov
Marine Forecasts	—	http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	—	http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	—	http://www.nowcoast.noaa.gov/
National Weather Service	—	http://www.weather.gov/
National Hurricane Center	—	http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	—	http://ptwc.weather.gov/
Contact Us	—	http://www.nauticalcharts.noaa.gov/staff/contact.htm



— For the latest news from Coast Survey, follow @nauticalcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

NOAA's Office of Coast Survey



The Nation's Chartmaker